

NEWS RELEASE

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For Immediate Release

DSI's New High Temperature Dichroic Spectral Metal Coatings

- Highly durable, spectral metal coatings withstand temperatures up to 400°C

January 15, 2009 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI), manufacturer of highly durable thin film optical coatings, announces the newest addition to its dichroic hybrid spectral metal product line, **High Temperature Spectral Metal**. Coated onto thin stainless steel sheets via DSI's patented **MicroDyn®** sputtering technology, the innovative metal coating can withstand extremely high temperature ranges, up to 400 degrees C.



DSI's entire Spectral Metal product family, including the UV Spectral Metal (for UV curing and UV printing applications) is now available in this higher temperature version. The new coated stainless steel sheets, like the rest of DSI's Spectral Metal product family, can be cut and formed to specific sizes and various shapes, depending on customer requirements. The mounting features, such as slots, screw holes, and tabs can be formed into the mirror after the coating is applied. The sized mirrors can be formed into precise curves and cylinders with radii as small as 25 mm. These important features reduce the complexity and the cost of assembly into the finished product. With the ability to fabricate after coating, long trough reflectors for inline exposure systems can be created using multiple lengths of Spectral Metal. These long sheets are placed into a frame to hold their shape, permitting the fabrication of reflectors several meters in length.

DSI's proprietary MicroDyn sputtering technology yields high performance and highly durable, uniform Spectral Metal coatings. The coatings remain stable in extreme environments, over both temperature and humidity changes. For more information, please visit: www.depisci.com.

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Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – www.depsci.com - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-infrared (NIR), midwave-infrared (MWIR) and out to the longwave-infrared (LWIR). At the heart of these capabilities is DSI's patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies.